

# INDEX

	Page
ABNOT, PHILIP S., Obituary of.....	379
ABYSSINIA, Description of.....	168
ADAMS, MOUNT (The altitude of), Wash- ington; Edgar McClure.....	151
AFRICA, History of.....	377
—, Map of.....	Pl. XIX
— since 1888, with special reference to south Africa and Abyssinia; Gard- ner G. Hubbard.....	157
—, Southern.....	349
AGRICULTURE in California.....	329
ALASKA, Exploration of.....	27, 114, 140
ALBEMARLE in Revolutionary days; G. Brown Goode.....	271
AMERICAN ASSOCIATION, Buffalo meeting of.....	315
AMERICAS (Fundamental geographic re- lation of the three); Robert T. Hill.....	175
ARCTIC currents.....	97
ARCTIC explorations.....	27, 104, 308, 339
— The scope and value of; A. W. Greely.....	32
— regions, Map of.....	Pl. XXXIV
BARRINGER, V. C., Obituary of.....	216
BAUER, L. A., Review of book by.....	81
"BEAR," View of steamer.....	Pl. II
BEARDSLEE, L. A., cited on Alaskan dis- coveries.....	141
BECKER, GEORGE F.: The Witwatersrand and the revolt of the Uitlanders.....	349
BELL, ROBERT, Explorations by.....	281
BERKELEY powder explosion.....	246
BESSELS, EMIL, cited on Jeannette relics.....	94
BIANCHINI, F., Review of maps by.....	42
BIOLOGICAL Survey, Work of.....	405
BLACK earth, Russian.....	5
BLODGETT, JAMES H.: "Free burghs" in the United States.....	116
BOARD on GEOGRAPHIC NAMES (The work of the United States); Henry Gan- nett.....	221
BOERS, Character of.....	353
BRIGHAM, A. P., Review of work by.....	220
BRITISH ISLANDS (A geographical descrip- tion of the); W. M. Davis.....	208
BROWN, ROBERT, Obituary of.....	40
BROWNE, J. B.; Across the Gulf by rail to Key West.....	203
BY-LAWS, Amendments to.....	86, 215
CABLE, ATLANTIC, Record of laying of.....	108
CABLES (The submarine) of the world; Gustave Hérrie.....	102
CALIFORNIA; George C. Perkins.....	317
CANALS, ISTHMIAN.....	59, 66, 73
CANTWELL, J. C.; Ice-cliffs on the Kowak river.....	345
CARACAS, People of.....	53
valley, Views of.....	Pls. VII, VII
CASCADE MOUNTAINS, Features of.....	395
—, Surveys in.....	150
CAYAPAS INDIANS, Handwork of.....	Pl. XXV
CENTRAL AMERICA, Geographic features of.....	175
CHAPMAN, ROBERT H.; The aberration of sound as illustrated by the Berkeley powder explosion.....	246

	Page
CHARLOTTESVILLE, Field meeting at.....	259
CHICAGO SHIP RAILWAY, map of.....	70
CHITTENDEN, H. M., Review of book by...	80
CLIMATE of Africa.....	163
— Oregon.....	400
—, Russian.....	8
COOPER, PETER, and submarine telegra- phy.....	108
COLLINS, PERRY M., Transcontinental tele- graph survey initiated by.....	110
CORTHELL, ELMER L.; The Tehuantepec ship railway.....	64
COVILLE, FREDERICK V.; The sage plains of Oregon.....	395
CRUISE (The Arctic) of the U. S. revenue cutter <i>Bear</i> ; Sheldon Jackson.....	27
CURTIS, W. E.; Venezuela, her govern- ment, people, and boundary.....	49
CUSHING, FRANK HAMILTON, Reference to work of.....	392
DALL, WILLIAM H., Biography of.....	124
—, Portrait of.....	Pl. XII
—; The Russo-American telegraph pro- ject of 1864-'67.....	110
—; The so-called "Jeannette relics".....	93
DAVIS, ARTHUR P.; The Kansas river.....	181
DAVIS, W. M.; A geographical descrip- tion of the British Islands.....	208
—, Reviews by.....	409
—; The Seine, the Meuse, and the Mo- selle.....	189, 226
DAVIDSON, GEORGE, Alaskan discoveries by.....	141
DE LESSEPS, FERDINAND, quoted on isth- mian ship canal.....	66
DEPARTMENT of AGRICULTURE, Work of....	405
DIAMOND fields of Africa.....	161
DILLER, J. S., Review of book by.....	212
DUFFIELD, W. W., Acknowledgment to...	186
DUTTON, C. E., quoted on topographic terms.....	291
EADS, JAMES B., quoted on isthmian ship canal.....	66
EARTHQUAKE effects in Tuscarora deep... — wave (The recent) on the coast of Japan; Eliza R. Seidmore.....	310 285
ECUADOR (A journey in); Mark B. Kerr.....	238
EDUCATION in Russia.....	21
EDUCATION, Venezuelan.....	51
EGLI, —, quoted on geographic names.....	222
ENCINAS, PASCUAL, Aid in exploration by.....	125
ENGLAND, Geographic work in.....	208
—, Possessions of, in Africa.....	159
EROSION, Economic aspects of.....	328
EXPLORATIONS, Arctic.....	32, 37, 98, 339
— by the Bureau of American Ethnology in 1895; W. J. McGee.....	77
— in 1716.....	265
— Mexico.....	125
FAUNA of Ecuador.....	240
— Seriland.....	130
FEWKES, J. WALTER, Explorations by.....	79
FIELD, CYRUS W., Reference to work of....	108
—, Submarine cable laid by.....	103
FIELD, HENRY M., Work of.....	108

	Page		Page
FIRE worship, Russian.....	7	HEALY, MICHAEL A., Arctic voyage by.....	27
FLOOD observations.....	302	HERRLE, GUSTAVE; The submarine cables	
FLORA of Ecuador.....	241	of the world.....	102
— Olympic country.....	136	HEWITT, ABRAM S., Letter from, on Peter	
— Oregon.....	399	Cooper.....	108
— Russia.....	5	HILL, ROBERT T.; Descriptive topo-	
— Seriland.....	129	graphic terms of Spanish America.....	291
FLORIDA, Features of..... Pl. xxxix, 203	281	—; Fundamental geographic relation of	
"FRAM," Voyage of the..... 99, 290, 339		the three Americas.....	175
FRANCE, Possessions of, in Africa.....	158	—; The Panama canal route.....	59
— Rivers of.....	189	HISTORY of California.....	317
FRANKLIN, SIR JOHN, quoted on Arctic		— Florida.....	381
discovery.....	34	— Piedmont plateau.....	265
"FREE BURGHS" in the United States;		—, South African.....	377
James H. Blodgett.....	116	HODGE, F. W., Explorations by.....	79
GANNETT, HENRY, Biography of.....	284	HOLMES, WILLIAM H., Review of book by...	153
— Letter to, on Arctic exploration.....	308	HUBBARD, GARDINER G.; Africa since	
— Portrait of..... Pl. xxviii		1888, with special reference to south	
— Review of book by.....	212	Africa and Abyssinia.....	157
GANNETT, S. S.; Recent triangulation in		—, Portrait of..... Pl. xviii	
the Cascades.....	150	—; Russia in Europe.....	3
—; Statistics of railways in the United		[HYDE, JOHN]; A critical period in south	
States.....	406	African history.....	377
—; Survey and subdivision of Indian		—; Introductory.....	1
territory.....	112	—, Notice by.....	380
—; The work of the United States Board		—, Reviews by.....	212-214
on Geographic Names.....	221	—; The United States Department of	
GEOGRAPHY, Development of.....	253	Agriculture and its Biological Sur-	
— (The) of the southern peninsula of		vey.....	405
the United States; John N. Mac-		HYDROGRAPHIC work, Recent; F. H. New-	
Gonigle.....	381	ell.....	347
GEOLOGY, Agencies of.....	328	HYDROGRAPHY, Classification of.....	236
— of Central America.....	178	—, European.....	189
— Florida.....	382	— of Kansas.....	181
— southern Africa.....	350	— in the United States; F. H. Newell....	146
— Piedmont plateau.....	263	ICE-CLIFFS on the Kowak river; J. C.	
GERMANY, Possessions of, in Africa.....	158	Cantwell.....	345
GIBBON, JOHN, Obituary of.....	123	INDIANS of Ecuador.....	240
GIGNILLIAT, T. H.; The valley of the Ori-		— Oregon.....	400
noco..... Pl. v, 92		— Seriland.....	131
GILMAN, S. C., Obituary of.....	87	—, Studies of.....	77
—; The Olympic country.....	133	INDIAN TERRITORY, Survey and subdivi-	
GISBORNE, F. N., Reference to work of...	108	sion of; Henry Gannett.....	112
GLACIER BAY, Alaska (The discovery of);		INGRAHAM, JAMES E., Reference to work	
Eliza R. Reidmore.....	140	by.....	387
GOLD, African.....	165	INTERNATIONAL GEOGRAPHICAL CONGRESS,	
— in California.....	319	Address before.....	32
— Ecuador.....	243	INTRODUCTORY; John Hyde.....	1
— Venezuela.....	56	IRRIGATION in California.....	323
GOLD of southern Africa.....	350, 358	JACKSON, SHELDON; The Arctic cruise of	
GOODE, G. BROWN; Albemarle in Revolu-		the U. S. revenue cutter <i>Bear</i> .....	27
tionary days.....	271	JAPAN, Earthquake in.....	285, 310
—, Obituary of.....	316	"JEANNETTE RELICS," The so-called; Wil-	
GOVERNMENT of Africa.....	160, 355, 357	liam H. Dall.....	93
— Russia.....	16	JEFFERSON as a geographer; A. W. Greely	269
— Venezuela.....	50	JOHANNESBURG, View of..... Pl. xxxv	
GRAD, —, quoted on Arctic whaling....	35	JOHNSON, ARNOLD B., cited on abertation	
GREELY, A. W.; Charles Francis Hall		of sound.....	246
and Jones sound.....	308	JOHNSON, WILLARD D., Explorations by...	77
—, cited on Nansen expedition.....	346	— W J McGee and; Seriland.....	125
—; Jefferson as a geographer.....	269	JONES SOUND, Charles Francis Hall and;	
—; Nansen's polar expedition.....	98	A. W. Greely.....	308
—, Notice by.....	380	KANSAS RIVER, The; Arthur P. Davis.....	181
—, Portrait of..... Pl. xx		KEANE, A. H., Review of book by.....	41
—, Reference to rescue of.....	27	KERR, MARK B.; A journey in Ecuador....	238
—, Review of book by.....	212	KEY WEST, Across the Gulf by rail to;	
—; The present state of the Nicaragua		J. B. Browne.....	203
canal.....	73	KOWAK RIVER, Ice-cliffs on.....	345
—; The scope and value of Arctic ex-		KUBEL, EDWARD, Obituary of.....	379
plorations.....	32	LA GUAYRA, View of..... Pl. vi	
GUIANA, Boundary of.....	57	LAKES of Florida.....	383
HALL, CHARLES FRANCIS, Letter from.....	308	LANGLEY, S. P., quoted on winds.....	249
HALL, JAMES, Sixtieth anniversary of		LAPPARENT, A. DE, quoted on stream work	237
official work by.....	316	LAPPARENT, A. DE, Review of book by.....	184
HAMILTON, WILLIAM, Educational work		LATITUDES, Highest Arctic.....	109
of.....	28		
HAWRANEK, FREDRICH, Review of book			
by.....	154		

	Page
LITTLEHALES, G. W., cited on submarine cables .....	105
LUBBOCK, SIR JOHN, Review of book by ..	408
McCLURE, EDGAR; The altitude of Mount Adams, Washington .....	151
McGEE, W J; Death of G. Brown Goode ..	316
—; Eighth annual field meeting of the National Geographic Society .....	259
—; Explorations by the Bureau of American Ethnology, 1895 .....	77
—; Geographic history of the Piedmont plateau .....	261
—; Geographic work in Peru .....	407
—; The American Association at Buffalo .....	315
—; The work of the National Geographic Society .....	253
— and Willard D. Johnson; Seriland ..	125
McGONIGLE, JOHN N.; The geography of the southern peninsula of the United States .....	381
MAGNETISM, terrestrial, Review of work on ..	81
MAN, ERNEST A.; The Nansen polar expedition .....	339
MANN, C. A., Obituary of .....	216
MAPS, Notices of new .....	45
MARGERIE, EMMANUEL DE, cited on diversion of rivers .....	228
MAYA INDIANS, Subjugation of .....	84
MELVILLE, G. W., Review by .....	212
MENDENHALL, T. C., Initiation of Board on Geographic Names by .....	221
MERRIAM, C. HART, Work of .....	405
MEXICO, Census of .....	211
—, Explorations in .....	77
MICHELSON, A. A., Review of book by ..	81
MILL, H. R., Plan by, for geographic work .....	208
MILTON, JOHN, quoted on Arctic discovery ..	34
MINERAL production in the United States .....	250, 310
MIR, The Russian .....	18
MONADNOCK, Definition of .....	192
"MONTICELLO," View of .....	Pl. xxix
MOONEY, JAMES, Explorations by .....	78
MOORE, WILLIS L.; The Weather Bureau river and flood system .....	302
MORSE, S. F. B., quoted on submarine cables .....	102
MOUNTAINS, American .....	176
—, Names for .....	292
— of Ecuador .....	238
— of Oregon .....	395
— of Piedmont plateau .....	262
— of Russia .....	6
— of Venezuela .....	52
Muir GLACIER, View of .....	Pl. xvii
Muir, JOHN, cited on Alaskan discoveries .....	141
NAMES, Geographic .....	221
—, Topographic .....	291
NANSEN, FRIDTJOF, Portrait of .....	Pl. xi
—, cited on "Jeannette relics" ..	95
—, Return of .....	290, 339
NANSEN (The) polar expedition; Ernest Man .....	339
NANSEN's polar expedition; A. W. Greely ..	98
NATIONAL GEOGRAPHIC MONOGRAPHS, Review of .....	42
NATIONAL GEOGRAPHIC SOCIETY (Eighth annual field meeting of the); W J McGee .....	259
— (The work of the); W J McGee .....	253
NEWELL, F. H.; Hydrography in the United States .....	146

[NEWELL, F. H.]; Recent hydrographic work .....	347
NIAGARA FALLS, Investigation of .....	315
NIAGARAGA CANAL, The present state of the; A. W. Greely .....	73
NIJNI NOVGOROD, Fair at .....	22
NIXON, JOHN, quoted on the Boers .....	354
NORTH AMERICA, Geographic features of .....	175
NOTES, Geographic .....	48, 87, 124, 156, 188, 217, 251, 281, 312, 348, 380, 411
OBITUARIES .....	40, 87, 123, 216, 379
OFFICERS, Election of .....	216
OGDEN, H. G., Review by .....	188
OLIVER, R. L., Report on Yucatan by .....	83
OLYMPIC COUNTRY, The; S. C. Gilman .....	133
OREGON, Description of .....	395
ORINOCO RIVER, Map of .....	Pl. v
ORINOCO, The valley of the; T. H. Gignilliat .....	92
PANAMA CANAL route, The; Robert T. Hill .....	59
PARRY, —, quoted on Arctic discovery ..	34
PEARSE, R. B., Obituary of .....	40
PERKINS, GEORGE C.; California .....	317
PERU, Geographic work in .....	407
PETROLEUM, Russian .....	7
PIEDMONT PLATEAU, Geographic history of the; W J McGee .....	261
PLAINS, names for .....	294
— of Oregon .....	395
— — Russia .....	4
POINT HARROW, View of .....	Pl. iv
POPULATION of Africa .....	163, 352
— — Ecuador .....	240
— — Mexico .....	211
— — Indian territory .....	112
— — Russia .....	11
— — Venezuela .....	50
PROCEEDINGS of the National Geographic Society ..	46, 86, 122, 155, 214, 259, 379, 410
RACES of Russia .....	6
— — Venezuela .....	57
RAILWAYS in the United States .....	406
RANDOLPH, W. C. N., quoted on Virginia families .....	284
RANSOME, F. LESLIE, Review of book by .....	284
REID, HARRY FIELDING, Map by .....	144
REINDEER, View of .....	Pl. iii
—, Importation of .....	30
REVIEWS of geographic literature .....	40, 80, 153, 184, 212, 408
REVOLUTION, Virginia in the .....	276
RHODES, CECIL, Conquest in Africa by ..	160
RINK, H., cited on "Jeannette relics" ..	95
RIVER observations .....	302
RIVERS, American .....	181
—, development of .....	189
—, Names for .....	298
— of Ecuador .....	238
— — Florida .....	383
— — Piedmont plateau .....	261
— — Russia .....	8
— — the United States .....	146
—, Work of .....	328
ROCKHILL, W. W., Acknowledgment to ..	339
—, Review of book by .....	42
RUSSELL, I. C., Review of book by .....	409
RUSSIA in Europe; Gardiner G. Hubbard .....	3
RUSSO-AMERICAN (The) telegraph project of 1864-'67; William H. Dall .....	110
SAGE plains (The) of Oregon; Frederick V. Coville .....	395

	Page		Page
SCIDMORE, ELIZA R.; The discovery of Glacier bay, Alaska.....	140	TEHUANTEPEC ship railway (The); Elmer L. Corthell.....	64
—; The recent earthquake wave on the coast of Japan.....	285	TELEGRAPHY, Transcontinental.....	110
—; Reports of sealing schooners cru- ising in the neighborhood of Tusca- rora deep in May and June, 1896.....	316	—, Submarine, beginning of.....	108
SCHOMBURGK, R. H., Reference to sur- veys by.....	92	THORNTON, WILLIAM M.; Spotswood's ex- pedition of 1716.....	265
SCORESBY, WILLIAM, quoted on Arctic whaling.....	35	TIBURON ISLAND, Exploration of.....	77, 125
SEEBOM, HENRY, obituary of.....	40	TOPOGRAPHY, African.....	171
SEINE (The), the Meuse, and the Mo- selle; William M. Davis.....	189, 226	—, European.....	189
SERFDOM in Russia.....	19	—, Nomenclature of.....	291
SERI INDIANS, Notes on.....	77	— of Olympic country.....	134
SERILAND; W. J. McGee and Willard D. Johnson.....	125	— — Seriland.....	127
SHALER, N. S.; The economic aspects of soil erosion.....	328, 368	— — Virginia.....	271
SHIP railways.....	64, 70	TRANSVAAL, Description of.....	349
SCHUEFELDT, —, obituary of.....	40	TRIANGULATION (Recent) in the Cascades; S. S. Gannett.....	150
—, quoted on ship railways.....	71	TUNDRA of Russia.....	6
SIBERIA, Projected telegraph line through.....	110	TUSCARORA DEEP, Earthquake effects in... 310	
—, Voyage of <i>Bear</i> to.....	30	VANCOUVER, GEORGE, quoted on Alaskan discoveries.....	141
SOIL erosion (The economic aspects of); N. S. Shaler.....	328, 368	VENEZUELA: Her government, people, and boundary; W. E. Curtis.....	49
— of Florida.....	394	VICTORIA QUEEN, Telegram from.....	103
— — Russia.....	5	VIRGINIA, "Free burghs" in.....	116
— — sage plains.....	399	—, History of.....	271
SOUND (The aberration of) as illustrated by the Berkeley powder explosion; Robert H. Chapman.....	246	—, People of.....	284
SOUTH AFRICAN history (A critical period in); [John Hyde].....	377	VIVIAN, T. J., Isthmian canal statistics by.....	68
SOUTH AMERICA, Geographic features of.....	175, 238	VOLCANES of Central America.....	178
SPANISH AMERICA (Descriptive topo- graphic terms of); Robert T. Hill... 291		WASHINGTON STATE, Map of..... Pl. xvi	
SPEARS, JOHN R., Review of book by.....	41	—, Mountains of.....	151
SPOTSWOOD'S expedition of 1716; Wil- liam M. Thornton.....	265	WAVES, Work of.....	331
SPRINGS of Florida.....	383	WEATHER BUREAU (The) river and flood system; Willis L. Moore.....	302
STEIN, ROBERT, Reference to work of.....	308	WEBSTER, W. H., Obituary of.....	216
SURVEYS of Indian Territory.....	112	WHALING, Arctic.....	35
— — Seriland.....	125	WHITE, CHARLES A., cited on aberration of sound.....	246
— — the United States.....	146	WHITNEY, W. N., work of cited.....	107
SWITZERLAND, Physiographic features of. 408		WIGHT, E. B., Obituary of.....	87
TAIT, P. G., quoted on sound.....	248	WILLITS, EDWIN, Obituary of.....	379
TARR, RALPH S., Reviews of books by.. 40, 154		WINDS, Work of.....	330
		WITWATERSRAND (The) and the revolt of the Uitlanders; George F. Becker... 349	
		WOOD, C. E. S., quoted on Alaskan dis- coveries.....	142
		YUCATAN in 1895.....	83
		ZULU, Portraits of..... Pl. xxxvi	

## ERRATA

On page 87, the paragraph relating to Franz Josef Land should be under separate sub-caption "Polar Regions."

On page 152, for 'B. S. Payne' (Director, Oregon State Weather Bureau), read 'B. S. Pague.'

On page 181, article "The Kansas River," line 2, for 'Davis county,' read 'Geary county.'

On page 232, line 39, for 'Plate V,' read 'Plate XXVI.'

On page 238, article "A Journey in Ecuador," line 15, for 'apricots,' read 'aguacates (alligator-pears).'

On page 290, lines 3, 14, 24, 32, and 37, for 'Svendrup,' read 'Sverdrup.'

On page 345, line 2, for 'easterly,' read 'westerly.'

